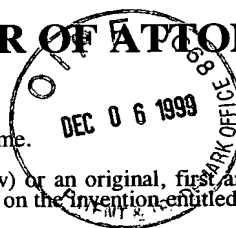


DECLARATION AND POWER OF ATTORNEY



As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SEMIPERMEABLE MEMBRANES

the specification of which was filed on September 10, 1999 as United States Application Number 09/393,647 _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

| NUMBER | COUNTRY | DAY/MONTH/YEAR FILED | PRIORITY CLAIMED |
|------------|-----------------------------|----------------------|------------------|
| 19841440.4 | Federal Republic of Germany | 10/September/1998 | YES |
| 19846608.0 | Federal Republic of Germany | 09/October/1998 | YES |
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I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

| APPLICATION NO. | FILING DATE |
|-----------------|-------------|
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
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

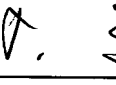
| APPLICATION SERIAL NO. | FILING DATE | STATUS: PATENTED, PENDING, ABANDONED |
|------------------------|-------------|--------------------------------------|
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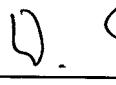
I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Stephen A. Bent, Reg. No. 29,768; David A. Blumenthal, Reg. No. 26,257; Alan I. Cantor, Reg. No. 28,163; William T. Ellis, Reg. No. 26,874; John J. Feldhaus, Reg. No. 28,822; Patricia D. Granados, Reg. No. 33,683; John P. Isacson, Reg. No. 33,715; Michael D. Kaminski, Reg. No. 32,904; Kenneth E. Krosin, Reg. No. 25,735; Glenn Law, Reg. No. 34,371; Eugene M. Lee, Reg. No. 32,039; Richard Linn, Reg. No. 25,144; Peter G. Mack, Reg. No. 26,001; Brian J. McNamara, Reg. No. 32,789; Sybil Meloy, Reg. No. 22,749; Richard C. Peet, Reg. No. 35,792; George E. Quillin, Reg. No. 32,792; Colin G. Sandercock, Reg. No. 31,298; Bernhard D. Saxe, Reg. No. 28,665; Charles F. Schill, Reg. No. 27,590; Richard L. Schwaab, Reg. No. 25,479; Arthur Schwartz, Reg. No. 22,115; Harold C. Wegner, Reg. No. 25,258.

Address all correspondence to Foley & Lardner, 3000 K Street, N.W., Suite 500, P.O. Box 25696, Washington, D.C. 20007-8696. Address telephone communications to David A. Blumenthal at (202) 672-5300.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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|---|---|------------------|
| Full Name of First or Sole Inventor Herbert WOLTER | Signature of First or Sole Inventor  | Date 25.10.95 |
| Residence Address Tauberbischofsheim, Federal Republic of Germany | Country of Citizenship Germany | |
| Post Office Address Staufering 78, 97941 Tauberbischofsheim, Federal Republic of Germany | | |

| | | |
|---|--|------------------|
| Full Name of Second Inventor Thomas BALLWEG | Signature of Second Inventor  | Date 25.10.99 |
| Residence Address Wertheim, Federal Republic of Germany | Country of Citizenship Germany | |
| Post Office Address Theodor-Heuss-Strasse-4, 97877 Wertheim, Federal Republic of Germany | | |

| | | |
|---|---|--------------------|
| Full Name of Third Inventor Werner STORCH | Signature of Third Inventor  | Date 28.10.1999 |
| Residence Address Hochberg, Federal Republic of Germany | Country of Citizenship Germany | |
| Post Office Address Burgermeister-Seubert-Strasse 2, 97204 Hochberg, Federal Republic of Germany | | |

| | | |
|------------------------------|------------------------------|------|
| Full Name of Fourth Inventor | Signature of Fourth Inventor | Date |
| Residence Address | Country of Citizenship | |
| Post Office Address | | |